PTO/SB/08A (09-06)

Approved for use through 03/31/2007. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

der the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Co)	
Application Number	10/574,424	
Filing Date	10/04/2004	
First Named Inventor	Contorni, Mario	
Art Unit	1645	
Examiner Name		
Attorney Docket Number	PP021401.0012	

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	-	11S- 00001000000	104 40 0000		
	A1	^{US-} 2003/0068336	04-10-2003	Ryali	
		US-			
	 	US-			
		US-	·		
		US-			

		FOREIGN	PATENT DOCL	IMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
	B1	WO 03/020756	03-13-2003	CHIRON SPA		
	B2	WO 02/00249	01-03-2002	SMITHKLINE BEECHAM		
	В3	WO 03/007985	01-30-2003	CHIRON S.P.A.		
	B4	WO 02/058737	08-01-2002	AVENTIS PASTEUR		
	B5	WO 99/42130	08-26-1999	CONNAUGHT LAB		
	B6	WO 04/067030	08-12-2004	CHIRON SRL		

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2	 · of	3	

Complete if Known					
Application Number	10/574,424				
Filing Date	10/04/2004				
First Named Inventor	Contorni, Mario				
Art Unit	1645				
Examiner Name					
Attorney Docket Number	PP021401.0012				

U. S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant			
		Number-Kind Code ^{2 (II known)}			Figures Appear			
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
·····		US-						
		US-						
		US-			***************************************			
		US-						
		US-						

Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Π
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
	В7	WO 04/032958	04-22-2004	CHIRON SRL		
	B8	WO 03/094834	11-20-2003	UNIVERSITEIT LEIDEN		
	В9	WO 04/067033	08-12-2004	CHIRON SRL, et al		L
						L
	ļ					上

Examiner	 Date		
Signature	Considered		
	1	ł	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitu	Substitute for form 1449/PTO			Complete if Known		
·	ne 101 101111 1443/1 10			Application Number	10/574,424	
INF	ORMATION	DIS	CLOSURE	Filing Date	10/04/2004	
STA	ATEMENT E	BY A	PPLICANT	First Named Inventor	Contorni, Mario	
	(Use as many she	oto oo r		Art Unit	1645	
	Ose as many sne	els as 1	ecessary)	Examiner Name		
Sheet	3	of	3	Attorney Docket Number	PP021401.0012	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	MASIGNANI, V. et al., "Vaccination against Neisseria meningitidis Using Three Variants of the Lipoprotein GNA1870," J Exp. Med., 197 (6): 789-799 (2003)	
	C2	PIZZA, M. et al., "Identification of Vaccine Candidates Against Serogroup B Meningococcus by Whole-Genome Sequencing," Science, 287: 1816-1820 (2000)	
	СЗ	ADU-BOBIE, J. et al., "Two years in reverse vaccinology," Vaccine, 21: 605-610 (2003)	
11 10 10 10 10 10 10 10 10 10 10 10 10 1	C4	MORA, M., et al., "Reverse Vaccinology," DDT, 8 (10): 459-464 (2003)	
	C5	BRÖKER, M., "Development of New Vaccines against Meningococcal Disease," ArzneimForsch./DrugRes, 53 (12): 805-813 (2003)	
Ì	С6	JÓDAR, L. et al., "Development of vaccines against meningococcal disease," The Lancet, 359: 1499-1508 (2002)	

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO this collection of information is required by 37 CFR 1.98. The information is required to obtain of retain a benefit by the public which is to life (and by the loss for to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.